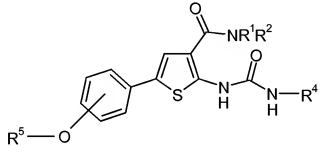
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A compound of formula (I) or a pharmaceutically-acceptable salt or *in vivo*-hydrolysable precursors thereof:



(I)

wherein:

R^1 is an optionally substituted heterocyclyl; ~~and~~

R^2 ~~are at each occurrence independently~~ is selected from H, optionally substituted C_{1-6}alkyl, or optionally substituted heterocyclyl; ~~with the proviso that R^4 and R^2 are not both H; or R^4 and R^2 and the N to which they are attached in combination form an optionally substituted heterocyclyl;~~

R^4 is selected from H, OH, optionally substituted carbocyclyl, optionally substituted heterocyclyl, or optionally substituted C_{1-6}alkyl;

R^5 is selected from H, optionally substituted carbocyclyl, or optionally substituted C_{1-6}alkyl.

2. (Canceled)

3. (Currently Amended) A compound of formula (I) or a pharmaceutically-acceptable salt or an *in vivo*-hydrolysable precursor thereof as recited in claim 1 wherein R^2, R^4, and R^5 have any of the meanings defined in claim 1 and R^1 is an optionally substituted heterocyclyl wherein 1,2, or 3 ~~substitutents~~ substituents is/are independently selected from halogen, nitro, amino, cyano, trifluoromethyl, alkyl, alkenyl, alkynyl, haloalkyl, alkoxy, hydroxy, alkylhydroxy, carbonyl, -CH(OH)CH_3, -CH_2NH-alkyl-OH, alkyl-(OH)CH_3, -CH_2-phenyl-$(OCH_3)_2$, -Oalkyl, -OCH_3,

-Ophenyl, -OCOalkyl, -NHCHO, -Nalkyl, -N-(alkyl)-CHO, -NH-CO-amino, -N-(alkyl)-CO-amino, -NH-COalkyl, -N-(alkyl)-COalkyl, -carboxy, -amidino, -CO-amino, -CO-alkyl, $-CO_2$alkyl, mercapto, -Salkyl, $-SCH_2$furanyl, -SO(alkyl), $-SO_2$(alkyl), $-SO_2$-amino, -alkylsulfonylamino, phenyl, anisole, dimethoxyphenyl, trimethoxyphenyl, halophenyl, cycloalkyl, heterocyclyl, -alkyl-NH-cycloalkyl, -alkyl-NH- heterocyclyl, -alkyl-NH-alkyl-OH, $-C(=O)OC(CH_3)_3$, $-N(CH_3)_2$, $-N(CH_2CH_3)_2$, -alkyl-NH-alkyl- heterocyclyl, -alkyl-aryl, -methyl-phenyl, alkyl-polycyclyl, alkyl-amino, alkyl-hydroxy, $-CH_2$NH-alkyl-heterocyclyl, $-CH_2NHCH2CH(CH_3)_2$, vicinal -O(alkyl)O-, vicinal -OC(haloalkyl)O-, vicinal $-CH_2O$(alkyl)O-, vicinal -S(alkyl)S- and –O(alkyl)S-.

4. (Currently Amended) A compound of formula (I) or a pharmaceutically-acceptable salt or an *in vivo*-hydrolysable precursor thereof as recited in claim 1 wherein R^2, R^4, and R^5 have any of the meanings defined in claim 1 and R^1 is an optionally substituted heterocyclyl wherein 1,2, or 3 ~~substitutents~~ substituents is/are independently selected from: -OH, $C(=O)OC(CH_3)_3$, NH_2, C_{1-6}alkyl, methoxybenzene, or dimethoxy benezene.

5. (Currently Amended) A compound of formula (I) or a pharmaceutically-acceptable salt or an *in vivo*-hydrolysable precursor thereof as recited in claim 1 wherein R^2, R^4, and R^5 have any of the meanings defined in claim 1 and

R^1 is a heterocyclyl wherein heterocyclyl is selected from piperdinyl, pyridinyl, pyrrolidinyl, pyrazinyl, azepanyl, azetidinyl, azabicyclozinyl, furanyl, thienyl.

6. (Currently Amended) A compound of formula (I) or a pharmaceutically-acceptable salt or an *in vivo*-hydrolysable precursor thereof as recited in claim 1 wherein R^1, R^4, and R^5 have any of the meanings defined in claim 1 and

R^2 is H.

7. (Currently Amended) A compound of formula (I) or a pharmaceutically-acceptable salt or an *in vivo*-hydrolysable precursor thereof as recited in claim 1 wherein R^1, R^2, and R^5 have any of the meanings defined in claim 1 and

R^4 is H.

8. (Currently Amended) A compound of formula (I) or a pharmaceutically-acceptable salt or an *in vivo*-hydrolysable precursor thereof as recited in claim 1 wherein R^1, R^2, and R^4 have any of the meanings defined in claim 1 and

R^5 is H or an optionally substituted C_{1-6}alkyl.

9. (Currently Amended) A compound of formula (I) or a pharmaceutically-acceptable salt or an *in vivo*-hydrolysable precursor thereof as recited in claim 1 wherein R^1, R^2, and R^4 have any of the meanings defined in claim 1 and

R^5 is H or an optionally substituted C_{1-6}alkyl wherein 1,2 or 3 ~~substitutents~~ substituents is/are independently selected from: NH_2, $NHCH_3$, $N(CH_2CH_3)_2$, $N(CH_3)_2$, OCH3, OH, -C_{1-6}alkyl, morpholino, piperidinyl, pyrrolodinyl.

10. (Currently Amended) A compound of formula (I) or a pharmaceutically-acceptable salt or an *in vivo*-hydrolysable precursor thereof as recited in claim 1 wherein R^1, R^2, and R^4 have any of the meanings defined in claim 1 and

R^5 is H or an optionally substituted C_{1-3}alkyl.

11. (Currently Amended) A compound of formula (I) or a pharmaceutically-acceptable salt or an *in vivo*-hydrolysable precursor thereof as recited in claim 1 wherein R^1, R^2, and R^4 have any of the meanings defined in claim 1 and

R^5 is H or an optionally substituted C_{1-3}alkyl wherein 1,2 or 3 ~~substitutents~~ substituents is/are independently selected from: NH_2, $NHCH_3$, $N(CH_2CH_3)_2$, $N(CH_3)_2$, OCH3, OH, -C_{1-6}alkyl, morpholino, piperidinyl, pyrrolodinyl.

12. (Currently Amended) A compound of formula (I) or a pharmaceutically-acceptable salt or an *in vivo*-hydrolysable precursor thereof, as recited in claim 1 wherein:

~~R^1 is an optionally substituted heterocyclyl;~~

R^2 is H;

R^4 is H;

R^5 is H or an optionally substituted C_{1-6}alkyl.

13. (Currently Amended) A compound of formula (I) or a pharmaceutically-acceptable salt or an *in vivo*-hydrolysable precursor thereof, as recited in claim 1 wherein:

R^1 is an optionally substituted heterocyclyl wherein the ~~substitutent~~ substituent is selected from one or more of the following: -NH_2, C_{1-6}alkyl, -C(=O)OC$(CH_3)_3$,

R^2 is H;

R^4 is H;

R^5 is H or an optionally substituted C_{1-6}alkyl wherein the ~~substitutent~~ substituent is selected from one or more of the following: -C_{1-6}alkyl, -$N(C_{1-3}alkyl)_2$.

14. (Currently Amended) A compound of formula (I) or a pharmaceutically-acceptable salt or an *in vivo*-hydrolysable precursor thereof, as recited in claim 1 wherein:

R^1 is an optionally substituted heterocyclyl wherein the ~~substitutent~~ substituent is selected from one or more of the following: -NH_2, C_{1-6}alkyl, -$C(=O)OC(CH_3)_3$,

R^2 is H;

R^4 is H;

R^5 is H or an optionally substituted C_{1-3}alkyl wherein 1,2 or 3 ~~substitutents~~ substituents is/are independently selected from: NH_2, $NHCH_3$, $N(CH_2CH_3)_2$, $N(CH_3)_2$, OCH3, OH, -C_{1-6}alkyl, morpholino, piperidinyl, pyrrolodinyl.

15. (Currently Amended) A compound of formula (I) or a pharmaceutically-acceptable salt or an *in vivo*-hydrolysable precursor thereof, as recited in claim 1 wherein:

R^1 is a heterocyclyl;

R^2 is H;

R^4 is H;

R^5 is H or a C_{1-6}alkyl.

16. (Currently Amended) A compound of formula (I) or a pharmaceutically-acceptable salt or an *in vivo*-hydrolysable precursor thereof, as recited in claim 1 wherein:

R^1 is a 6-membered heterocyclyl containing at least one N in the ring;

R^2 is H;

R^4 is H;

R^5 is a C_{1-3}alkyl.

17. (Withdrawn and Currently Amended) A compound of formula (I) or a pharmaceutically-acceptable salt thereof, as recited in claim 1 selected from:
tert-butyl 3-{[(2-[(aminocarbonyl)amino]-5-{4-[2-(diethylamino)ethoxy]phenyl}-3-thienyl)carbonyl]amino}piperidine-1-carboxylate;
2-[(aminocarbonyl)amino]-5-{4-[2-(diethylamino)ethoxy]phenyl}-N-piperidin-3-ylthiophene-3-carboxamide;

2-[(aminocarbonyl)amino]-5-{3-[2-(diethylamino)ethoxy]phenyl}-N-piperidin-3-ylthiophene-3-carboxamide;

2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-[(3S)-piperidin-3-yl]thiophene-3-carboxamide;

tert-butyl 3-{[(2-[(aminocarbonyl)amino]-5-{3-[2-(diethylamino)ethoxy]phenyl}-3-thienyl)carbonyl]amino}piperidine-1-carboxylate;

2-[(aminocarbonyl)amino]-5-{4-[2-(diethylamino)ethoxy]phenyl}-N-piperidin-4-ylthiophene-3-carboxamide;

2-[(aminocarbonyl)amino]-N-[(3R)-azepan-3-yl]-5-(4-methoxyphenyl)thiophene-3-carboxamide;

N-(3-[(4-aminopiperidin-1-yl)carbonyl]-5-{4-[2-(diethylamino)ethoxy]phenyl}-2-thienyl)urea;

~~2-[(aminocarbonyl)amino]-5-{4-[2-(diethylamino)ethoxy]phenyl}-N-[3-(hydroxymethyl)phenyl]thiophene-3-carboxamide~~;

2-[(aminocarbonyl)amino]-5-{3-[2-(diethylamino)ethoxy]phenyl}-N-piperidin-4-ylthiophene-3-carboxamide;

~~2-[(aminocarbonyl)amino]-N-(2-aminoethyl)-5-(4-methoxyphenyl)thiophene-3-carboxamide;~~

2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-piperidin-4-ylthiophene-3-carboxamide;

2-[(aminocarbonyl)amino]-5-{3-[2-(diethylamino)ethoxy]phenyl}-N-pyridin-3-ylthiophene-3-carboxamide;

2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-(1-methylpiperidin-4-yl)thiophene-3-carboxamide;

2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-[(3S)-1-methylazepan-3-yl]thiophene-3-carboxamide;

~~2-[(aminocarbonyl)amino]-5-{3-[2-(diethylamino)ethoxy]phenyl}-N-[3-(hydroxymethyl)phenyl]thiophene-3-carboxamide;~~

2-[(aminocarbonyl)amino]-5-{4-[2-(diethylamino)ethoxy]phenyl}-N-pyrrolidin-3-ylthiophene-3-carboxamide;

2-[(aminocarbonyl)amino]-5-{4-[2-(diethylamino)ethoxy]phenyl}-N-pyridin-3-ylthiophene-3-carboxamide;

2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-[(3S)-1-methylpiperidin-3-yl]thiophene-3-carboxamide;

2-[(aminocarbonyl)amino]-5-{3-[2-(diethylamino)ethoxy]phenyl}-N-pyrrolidin-3-ylthiophene-3-carboxamide;

2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-[(3R)-piperidin-3-ylmethyl]thiophene-3-carboxamide;

2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-[(3S)-pyrrolidin-3-yl]thiophene-3-carboxamide;

2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-[(3R)-pyrrolidin-3-yl]thiophene-3-carboxamide;
~~2-[(aminocarbonyl)amino]-N-[2-(dimethylamino)ethyl]-5-(4-methoxyphenyl)thiophene-3-carboxamide;~~
~~2-[(aminocarbonyl)amino]-N-[2-(diethylamino)ethyl]-5-(4-methoxyphenyl)thiophene-3-carboxamide;~~
2-[(aminocarbonyl)amino]-N-[(3S)-azepan-3-yl]-5-(4-methoxyphenyl)thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-[(3R)-piperidin-3-yl]thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-(piperidin-4-ylmethyl)thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-pyrrolidin-3-ylthiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-N-(1-ethylpiperidin-3-yl)-5-(4-methoxyphenyl)thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-N-[(3S)-1-ethylazepan-3-yl]-5-(4-methoxyphenyl)thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(3-hydroxyphenyl)-N-piperidin-4-ylthiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(4-hydroxyphenyl)-N-piperidin-4-ylthiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(3-methoxyphenyl)-N-piperidin-4-ylthiophene-3-carboxamide;
tert-butyl (3S)-3-({[2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-3-thienyl]carbonyl}amino)pyrrolidine-1-carboxylate;
2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-piperidin-3-ylthiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-N-(1-benzylpiperidin-4-yl)-5-(4-methoxyphenyl)thiophene-3-carboxamide;
tert-butyl 3-({[2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-3-thienyl]carbonyl}amino)piperidine-1-carboxylate;
2-[(aminocarbonyl)amino]-5-[4-(2-piperidin-1-ylethoxy)phenyl]-N-(2-pyridin-4-ylethyl)thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-[4-(2-piperidin-1-ylethoxy)phenyl]-N-(2-pyridin-4-ylethyl)thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-N-azetidin-3-yl-5-(4-methoxyphenyl)thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-[(2S)-pyrrolidin-2-ylmethyl]thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-pyridin-4-ylthiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-(2-piperazin-1-ylethyl)thiophene-3-carboxamide;

2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-(2-piperidin-1-ylethyl)thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-N-1-azabicyclo[2.2.2]oct-3-yl-5-(4-methoxyphenyl)thiophene-3-carboxamide;
~~2-[(aminocarbonyl)amino]-N-(2-hydroxyethyl)-5-(4-hydroxyphenyl)thiophene-3-carboxamide;~~
~~2-[(aminocarbonyl)amino]-N-(trans-4-hydroxycyclohexyl)-5-(4-methoxyphenyl)thiophene-3-carboxamide;~~
2-[(aminocarbonyl)amino]-5-(4-hydroxyphenyl)-N-(2-pyridin-4-ylethyl)thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-(2-piperazin-1-ylethyl)thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-(2-pyridin-4-ylethyl)thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(4-hydroxyphenyl)-N-(2-pyridin-3-ylethyl)thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-(2-pyridin-3-ylethyl)thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-(2,2,6,6-tetramethylpiperidin-4-yl)thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(2-methoxyphenyl)-N-piperidin-4-ylthiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-(tetrahydrofuran-2-ylmethyl)thiophene-3-carboxamide;
tert-butyl (3R)-3-({[2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-3-thienyl]carbonyl}amino)piperidine-1-carboxylate;
2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-(pyridin-3-ylmethyl)thiophene-3-carboxamide;
tert-butyl 3-({[2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-3-thienyl]carbonyl}amino)azetidine-1-carboxylate;
2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-(pyridin-4-ylmethyl)thiophene-3-carboxamide;
~~2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-(3-methoxypropyl)thiophene-3-carboxamide;~~
2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-[2-(2-thienyl)ethyl]thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-(2-thienylmethyl)thiophene-3-carboxamide;
N-[3-(1,4-diazepan-1-ylcarbonyl)-5-(4-methoxyphenyl)-2-thienyl]urea;
~~2-[(aminocarbonyl)amino]-N-(2-methoxyethyl)-5-(4-methoxyphenyl)thiophene-3-carboxamide;~~
2-[(aminocarbonyl)amino]-5-(4-hydroxyphenyl)-N-(2-thienylmethyl)thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-N-{2-[(2-furylmethyl)thio]ethyl}-5-(4-methoxyphenyl)thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(4-hydroxyphenyl)-N-[2-(2-thienyl)ethyl]thiophene-3-carboxamide;
N-(3-[(4-aminopiperidin-1-yl)carbonyl]-5-{3-[2-(diethylamino)ethoxy]phenyl}-2-thienyl)urea;

2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-[(3R)-piperidin-3-ylmethyl]thiophene-3-carboxamide;

2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-(1,2,3,4-tetrahydroquinolin-3-yl)thiophene-3-carboxamide;

2-[(aminocarbonyl)amino]-N-(1,3-benzodioxol-5-ylmethyl)-5-(4-methoxyphenyl)thiophene-3-carboxamide;

~~2-[(aminocarbonyl)amino]-N-(3-methoxybenzyl)-5-(4-methoxyphenyl)thiophene-3-carboxamide;~~

~~2-[(aminocarbonyl)amino]-N-[2-(3,4-dimethoxyphenyl)ethyl]-5-(4-methoxyphenyl)thiophene-3-carboxamide;~~

2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-[(5-methyl-2-furyl)methyl]thiophene-3-carboxamide;

2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-(pyridin-2-ylmethyl)thiophene-3-carboxamide;

~~2-[(aminocarbonyl)amino]-N-(4-fluorobenzyl)-5-(4-methoxyphenyl)thiophene-3-carboxamide;~~

tert-butyl 4-({[2-[(aminocarbonyl)amino]-5-(3-methoxyphenyl)-3-thienyl]carbonyl}amino)piperidine-1-carboxylate;

~~2-[(aminocarbonyl)amino]-N-(2-methoxybenzyl)-5-(4-methoxyphenyl)thiophene-3-carboxamide;~~

~~2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-(2-phenoxyethyl)thiophene-3-carboxamide;~~

2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-N-(2-pyridin-2-ylethyl)thiophene-3-carboxamide;

tert-butyl 4-({[2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-3-thienyl]carbonyl}amino)piperidine-1-carboxylate;

~~2-[(aminocarbonyl)amino]-N-(4-methoxybenzyl)-5-(4-methoxyphenyl)thiophene-3-carboxamide;~~

2-[(aminocarbonyl)amino]-5-{4-[2-(diethylamino)ethoxy]phenyl}-N-[(3S)-piperidin-3-yl]thiophene-3-carboxamide;

2-[(aminocarbonyl)amino]-5-{4-[2-(diethylamino)ethoxy]phenyl}-N-[(3R)-piperidin-3-yl]thiophene-3-carboxamide;

tert-butyl (3S)-3-{[(2-[(aminocarbonyl)amino]-5-{4-[2-(diethylamino)ethoxy]phenyl}-3-thienyl)carbonyl]amino}piperidine-1-carboxylate;

2-[(aminocarbonyl)amino]-N-[(3S)-azepan-3-yl]-5-{4-[2-(diethylamino)ethoxy]phenyl}thiophene-3-carboxamide;

tert-butyl (3R)-3-{[(2-[(aminocarbonyl)amino]-5-{4-[2-(diethylamino)ethoxy]phenyl}-3-thienyl)carbonyl]amino}piperidine-1-carboxylate;

N-[3-{[(3S)-3-aminoazepan-1-yl]carbonyl}-5-(4-methoxyphenyl)-2-thienyl]urea;

5-{4-[2-(diethylamino)ethoxy]phenyl}-2-{[(pyrazin-2-ylamino)carbonyl]amino}-N-[(3S)-pyrrolidin-3-yl]thiophene-3-carboxamide;

5-{3-[2-(diethylamino)ethoxy]phenyl}-2-{[(pyrazin-2-ylamino)carbonyl]amino}-N-[(3S)-pyrrolidin-3-yl]thiophene-3-carboxamide;
5-{3-[2-(diethylamino)ethoxy]phenyl}-N-piperidin-4-yl-2-{[(pyrazin-2-ylamino)carbonyl]amino}thiophene-3-carboxamide;
N-[(3S)-azepan-3-yl]-5-(4-methoxyphenyl)-2-{[(pyrazin-2-ylamino)carbonyl]amino}thiophene-3-carboxamide;
5-{3-[2-(diethylamino)ethoxy]phenyl}-N-piperidin-3-yl-2-{[(pyrazin-2-ylamino)carbonyl]amino}thiophene-3-carboxamide;
N-(2-aminoethyl)-5-(4-methoxyphenyl)-2-{[(pyrazin-2-ylamino)carbonyl]amino}thiophene-3-carboxamide;
5-{4-[2-(diethylamino)ethoxy]phenyl}-N-piperidin-3-yl-2-{[(pyrazin-2-ylamino)carbonyl]amino}thiophene-3-carboxamide;
5-(4-methoxyphenyl)-N-piperidin-4-yl-2-{[(pyrazin-2-ylamino)carbonyl]amino}thiophene-3-carboxamide;
tert-butyl 3-{[(5-{3-[2-(diethylamino)ethoxy]phenyl}-2-{[(pyrazin-2-ylamino)carbonyl]amino}-3-thienyl)carbonyl]amino}piperidine-1-carboxylate;
5-{4-[2-(diethylamino)ethoxy]phenyl}-N-piperidin-4-yl-2-{[(pyrazin-2-ylamino)carbonyl]amino}thiophene-3-carboxamide;
5-(4-methoxyphenyl)-2-{[(pyrazin-2-ylamino)carbonyl]amino}-N-[(3S)-pyrrolidin-3-yl]thiophene-3-carboxamide;
N-[3-(1,4-diazepan-1-ylcarbonyl)-5-(4-methoxyphenyl)-2-thienyl]-N'-pyrazin-2-ylurea;
N-[3-[(3-aminopyrrolidin-1-yl)carbonyl]-5-(4-methoxyphenyl)-2-thienyl]-N'-pyrazin-2-ylurea;
tert-butyl 4-{[(5-(4-methoxyphenyl)-2-{[(pyrazin-2-ylamino)carbonyl]amino}-3-thienyl)carbonyl]amino}piperidine-1-carboxylate;
tert-butyl 3-{[(5-{4-[2-(diethylamino)ethoxy]phenyl}-2-{[(pyrazin-2-ylamino)carbonyl]amino}-3-thienyl)carbonyl]amino}piperidine-1-carboxylate;
5-[4-(2-diethylamino-ethoxy)-phenyl]-2-(3-hydroxy-urea)-thiophene-3-carboxylic acid-(S)-piperidin-3-ylamide;
2-[(aminocarbonyl)amino]-N-[(3S)-azepan-3-yl]-5-(3-methoxyphenyl)thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(2-hydroxyphenyl)-*N*-[(3*S*)-piperidin-3-yl]thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-(3-methoxyphenyl)-N-[(3*S*)-piperidin-3-yl]thiophene-3-carboxamide;
2-[(aminocarbonyl)amino]-5-[2-(benzyloxy)phenyl]-*N*-[(3*S*)-piperidin-3-yl]thiophene-3-carboxamide.

18. (Canceled)

19. (Canceled)

20. (Withdrawn) A method for the treatment of cancer comprising administering to a human a therapeutically effective amount of a compound of formula (I) or a pharmaceutically acceptable salt thereof as defined in claim 1.

21. (Withdrawn) A method for the treatment of breast cancer, colorectal cancer, ovarian cancer, lung (non small cell) cancer, malignant brain tumors, sarcomas, melanoma and lymphoma by administering a compound of formula I or a pharmaceutically acceptable salt thereof as defined in claim 1.

22. (Withdrawn) A method of treating cancer by administering to a human a compound of formula (I) or a pharmaceutically acceptable salt thereof as defined in claim 1 and an anti-tumor agent.

23. (Withdrawn) A method of treating cancer by administering to a human a compound of formula (I) or a pharmaceutically acceptable salt thereof as defined in claim 1 and a DNA damaging agent.

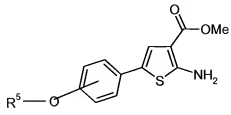
24. (Withdrawn) A method for the treatment of infections associated with cancer comprising administering to a host in need of such treatment a therapeutically effective amount of a compound of formula (I) or a pharmaceutically acceptable salt thereof as defined in claim 1.

25. (Withdrawn) A method for the prophylaxis treatment of infections associated with cancer comprising administering to a host in need of such treatment a therapeutically effective amount of a compound of formula (I) or a pharmaceutically acceptable salt thereof as defined in claim 1.

26. (Withdrawn and Currently Amended) A pharmaceutical composition comprising a compound of formula (I) or a pharmaceutically acceptable salt thereof as defined in claim 1 together with at least one pharmaceutically acceptable carrier, diluent or ~~excipent~~ excipient.

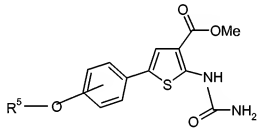
27. (Withdrawn) A process for the preparation of a compound of formula (I) or a phrmaceutically acceptable salt or *in vivo*-hydrolysable precursors thereof as defined in claim 1, which comprises:

(a) the reaction of a 2-aminothiophene shown below as Formula II



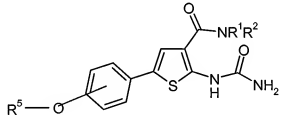
II

wherein the hydrogen at the 2-amino position is displaced to form an amide, shown as formula III below



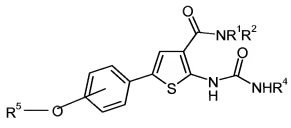
III

wherein the methyl ester is converted to an amide utilizing the desired amine in conjuntion with an aluminate organometallic complex, to give the product shown as formula IV below:



IV

Wherein the amide is converted to various substituted secondary ureas by the reaction with various isocyanantes to yield the product shown as fromula V below:



V

28. (Canceled)